

22857.

XP-002251369

AN - 1978-39282A [22]

A - [001] 011 03- 141 23& 231 236 30& 357 359 363 385 401 415 437 450 478
481 483

CPY - TORA

DC - A32 A35 F01

FS - CPI

IC - B29C3/00 ; B29C33/72 ; D01D4/04

KS - 0216 0229 1283 1996 2198 2200 2367 2370 2373 2450 2475 2476 2528 2546

MC - A11-B07 A11-B15 A11-C F01-C F01-C03

PA - (TORA) TORAY IND INC

PN - JP53043751 A 19780420 DW197822 000pp

- JP60014690B B 19850415 DW198519 000pp

PR - JP19760117258 19761001

XIC - B29C-003/00 ; B29C-033/72 ; D01D-004/04

— AB - J53043751 The method comprises heat-treating the nozzle under inert gas atmos. until polymer deposited on the die or nozzle is softened, fused and carbonised.

- In an example, nozzles used in spinning nylon are placed in a chamber at 480 degrees C at 110-130 mmHg abs. for 5 hrs. oxygen density beta 5-8% (N2 gas is used to carbonise the polymer. Air at a rate of 700-800 l/in is then fed for 5 hrs. under 400 mmHg to perform further heat-decomposition.

- The process avoids the formation of explosive gas mixts. obtd. in prior art.

IW - CLEAN NOZZLE PLASTICS EXTRUDE HEAT NOZZLE INERT GAS ATMOSPHERE SOFTEN
FUSE CARBONISE DEPOSIT POLYMER

IKW - CLEAN NOZZLE PLASTICS EXTRUDE HEAT NOZZLE INERT GAS ATMOSPHERE SOFTEN
FUSE CARBONISE DEPOSIT POLYMER

NC - 001

OPD - 1976-10-01

ORD - 1978-04-20

PAW - (TORA) TORAY IND INC

TI - Cleaning the nozzle of plastics extruder - by heating nozzle under inert gas atmos. to soften, fuse and carbonise deposited polymer